

IN THE CLAIMS:

Please CANCEL claims 6 and 15 without prejudice or waiver of their subject matter.

Please AMEND claims 1 and 10, as follows:

1. (Currently Amended) An excitation coil unit for use in an image heating apparatus, comprising:

a coil formed of a conductor whose conductive portions in which current flows over an entire length of said conductor are exposed, the conductor being wound over the entire length of said conductor without bringing any of the conductive portions in contact with any next one of the conductive portions ~~not covered with an insulating tube~~; and

a heat-resistant insulating material which is injected into a space between any of the conductive portions and around an entire coil, and cured, to prevent from causing a short circuit inserted between the adjacent ~~conductive portions of said conductor forming said coil and covers a substantial portion of said coil,~~

wherein said heat-resistant insulating material is a part of a holder to hold said coil ~~contacts the conductive portions of said coil.~~

2. (Previously Presented) An excitation coil unit according to claim 1, further comprising an insulating spacer mounted on said coil, wherein the insulating spacer prevents contacting the conductive portions of the conductor in said coil mutually.

3. (Previously Presented) An excitation coil unit according to claim 1,
wherein said heat-resistant insulating material is made by being poured
between conductive portions of said conductor and around said coil and then hardened.

4. (Original) An excitation coil unit according to claim 3,
wherein said heat-resistant insulating material is a resinous material.

5. (Original) An excitation coil unit according to claim 3,
wherein said heat-resistant insulating material is a glass.

6. (Cancelled)

7. (Original) An excitation coil unit according to claim 1,
wherein said coil is obtained by press working a metal plate.

8-9. (Cancelled)

10. (Currently Amended) An image heating apparatus comprising:
a conductive rotatable member; and
an excitation coil unit for generating a magnetic field to induce an eddy current
in said conductive rotatable member,

wherein said excitation coil unit includes:

a coil formed of a conductor whose conductive portions in which current flows over an entire length of said conductor are exposed , the conductor being wound over the entire length of said conductor without bringing any of the conductive portions in contact with any next one of the conductive portions ~~not covered with an insulating tube~~; and

a heat-resistant insulating material which is ~~inserted~~ injected into a space between any of the conductive portions and around an entire coil, and cured, to prevent from causing a short circuit between the adjacent conductive portions of said conductor forming said coil and covers a substantial portion of said coil,

wherein said heat-resistant insulating material is a part of a holder to hold said coil contacts the conductive portions of said coil.

11. (Previously Presented) An image heating apparatus according to claim 10,

wherein said excitation coil unit includes an insulating spacer mounted on said coil, wherein said insulating spacer prevents contacting the conductive portions of the conductor in said coil mutually.

12. (Previously Presented) An image heating apparatus according to claim 10,

wherein said heat-resistant insulating material is made by being poured between conductive portions of said conductor and around said coil and then hardened.

13. (Original) An image heating apparatus according to claim 12, wherein said heat-resistant insulating material is a resinous material.

14. (Original) An image heating apparatus according to claim 12, wherein said heat-resistant insulating material is a glass.

15. (Cancelled)

16. (Original) An image heating apparatus according to claim 10, wherein said coil is obtained by press working a metal plate.